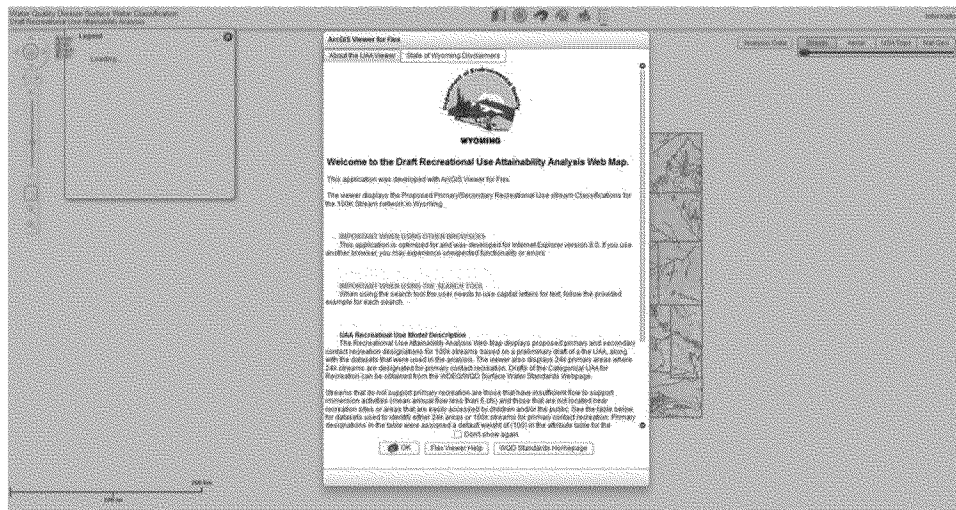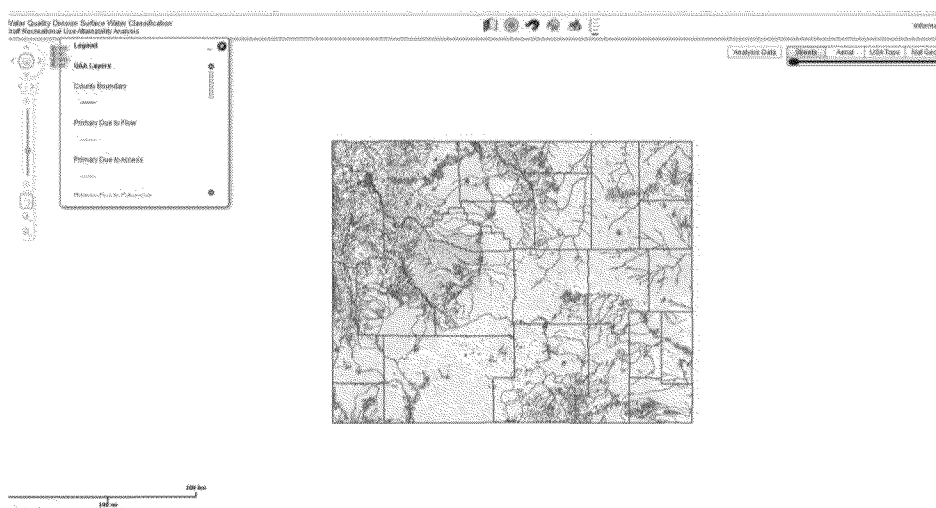# UAA WEB VIEWER USERS MANUAL

The purpose of this manual is to give a step by step instruction for how to use the UAA web map application. We will start by identifying the icons on the screen layout and giving a brief description of the use of each icon. The application can be accessed by copying or typing the following URL into the web browser.

http://159.238.120.99/draft_uaa/index.html

The basic web viewer display screen

In a web application we want to supply the functionality that is needed, not maximum amount of functionality so that we do not overwhelm the user. While developing the UAA web viewer, we have scrutinized each feature to insure that the viewer supply's the functionality and performs the way the UAA staff need it to for the public to use the viewer. The above picture shows the basic display of the Adobe Flex web viewer. When opening with the Welcome screen. To start close the opening screen to start utilizing the map.
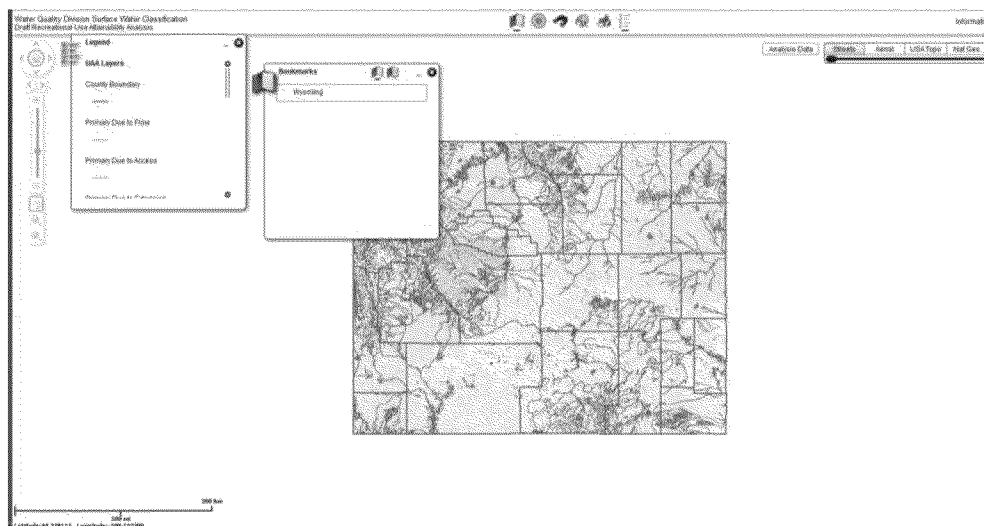
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Starting on the left side of the screen and moving right, the display includes a title for the map in the upper left, then the zoom/pan functions, a scale bar that changes as you zoom in and out, and the Lat/Long that changes as you move your mouse around the screen. In the upper middle of the display are icons (widgets) that contain most of the functionality of the viewer and the map layers that are displayed in the viewer. On the right side of the viewer there is an information icon that gives the person the disclaimer and links to help with the viewer, and a series of buttons which are known as base layer buttons with a fader bar under them.

Map Viewer widgets/their functionality

The most important aspect of the web application is that it allows you to perform the tasks that you need the application to perform. The UAA map viewer contains 6 widgets; they are: *Bookmarks, Find Location, Find by Location, Draw/Measure, Print, and Legend.* In this section we will detail the widgets used in the UAA web application and the functionality these widgets provide.
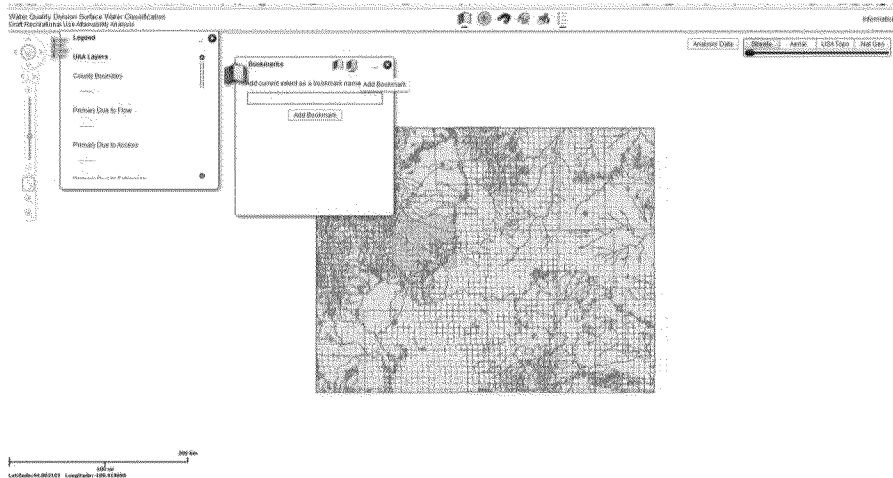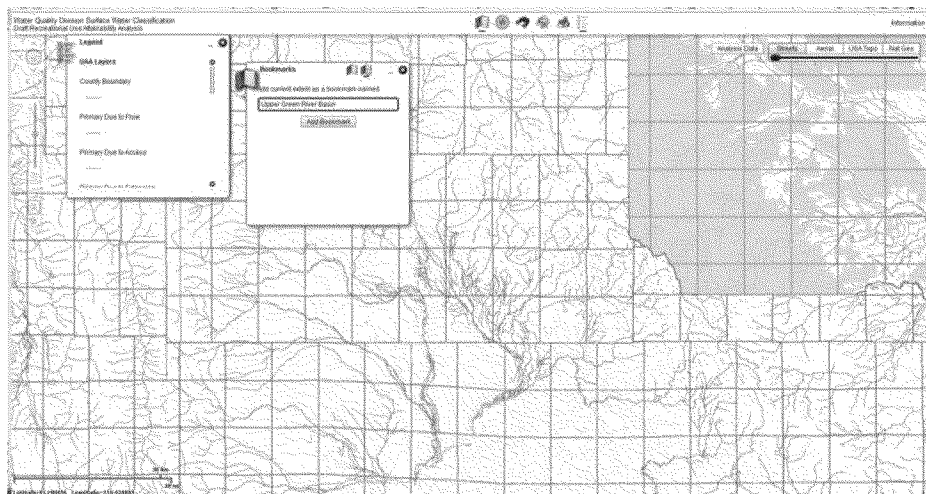
Bookmarks

The book marks allow the user to save important locations within their mapping session and it allows the user to quickly return to those locations when they come back to their project. Here is a step-by-step instruction for setting up bookmarks. There are 2 types of bookmarks that are recognized in the web application. They are hard coded and user specified. The user can click on the Wyoming tab to return to the full Wyoming extent at any time.

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1. Click on the BookMarks widget to open the Bookmarks menu
2. Click on one of the hard coded book marks to zoom to that mark
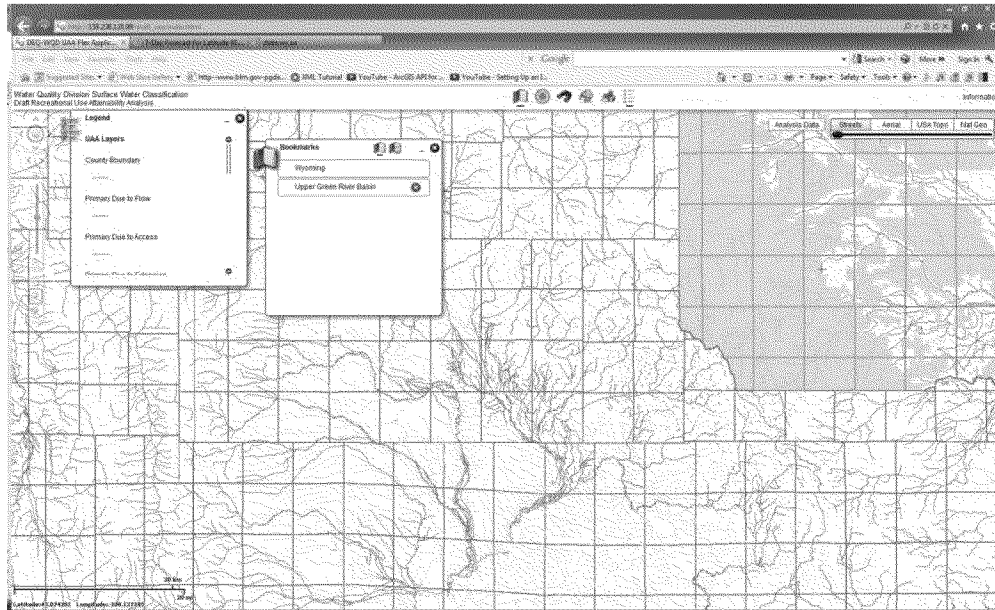3. Click add Bookmark to create a bookmark for the current extent

4. Type in a name for the bookmark then click Add Bookmark to create/add the bookmark to the list
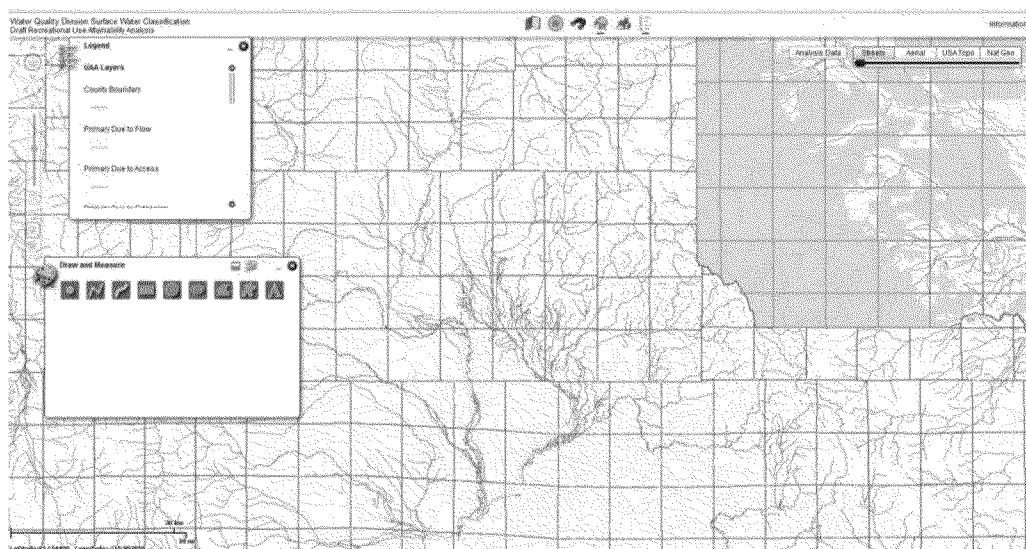

Notice that the bookmark is added to the list. The circle with the red x denotes that it is a bookmark that you created and is specific to your computer. The coordinates for the bookmark would have to be hard coded behind the scenes for everyone to

see and use the bookmark. This is a very handy tool for the user to denote their project areas.   If the user would like to share the bookmark with other's the location will have to be copied and sent to the Server Administrator to be hard coded into the viewer.
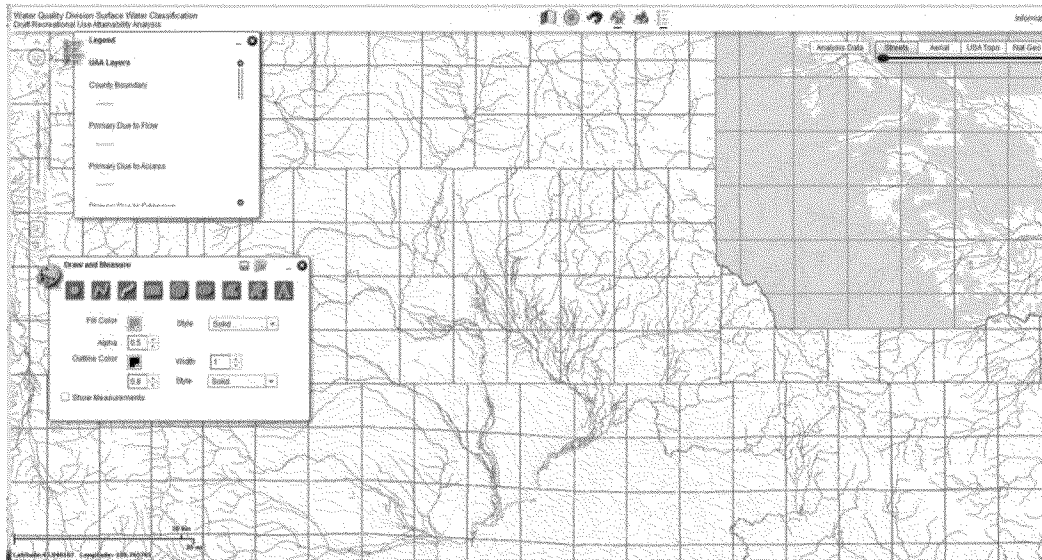

Draw and Measure

The Draw and Measure widget looks like the search widget's select feature function accept that after the feature is drawn or measured the resulting value is the length, area, or coordinate of the desired feature. The widget also allows the user to add text to the view screen, and allows the user to save their drawing features as a graphic text file that can be reloaded later. So, the user can return to their project later if they are not able to complete the project in one session. As an example this
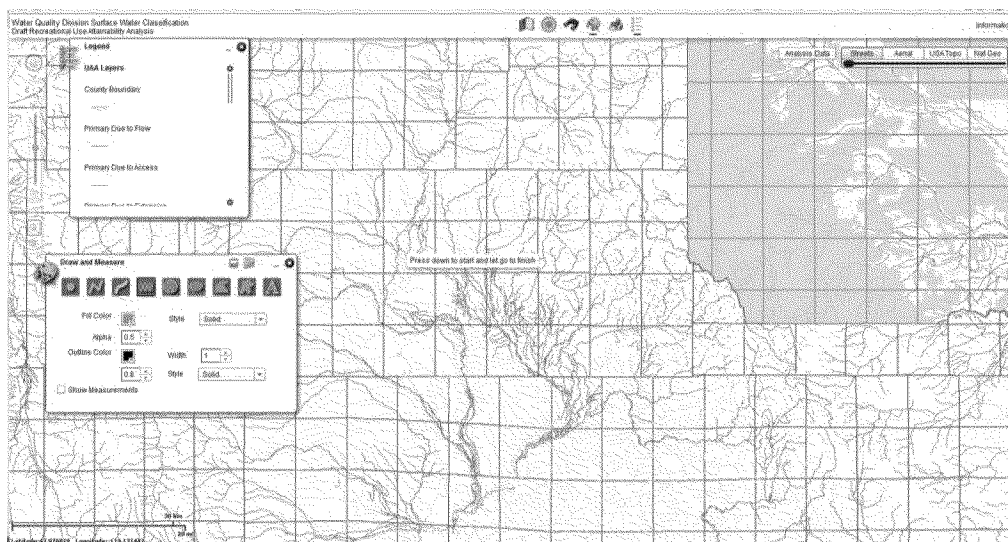
could be beneficial to a person traveling between meetings and has an area of interest to discuss. This tool plus the Bookmarks tool will help the user find their area of interest quickly.

1. Click on the *Draw and Measure* widget icon to open the dialogue menu
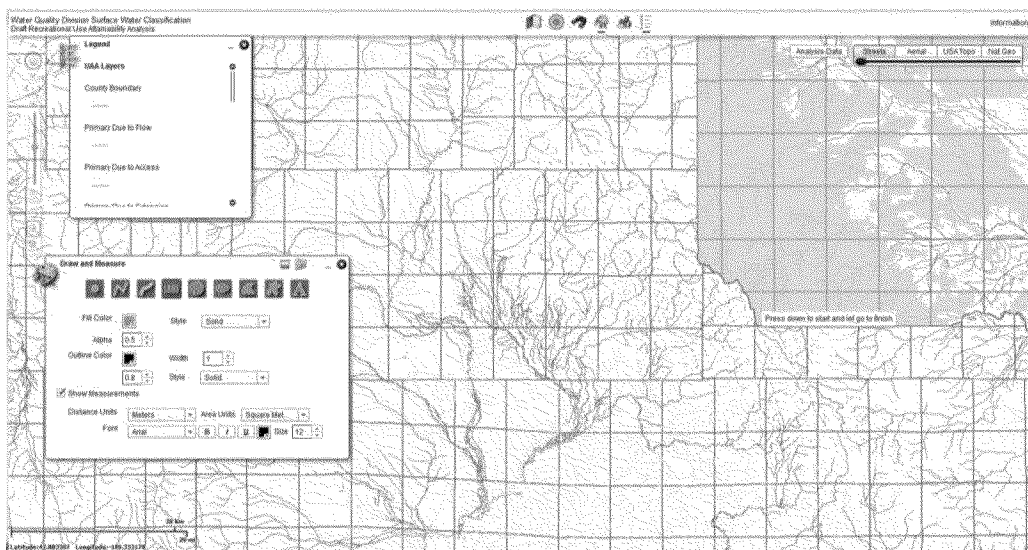

2. Click on a button to perform the type of Draw/Measure that you need

Important: be sure to check the show measurement box before drawing the feature, otherwise you will need to redraw the feature to see the measurement values.

3. Check the Show Measurements box
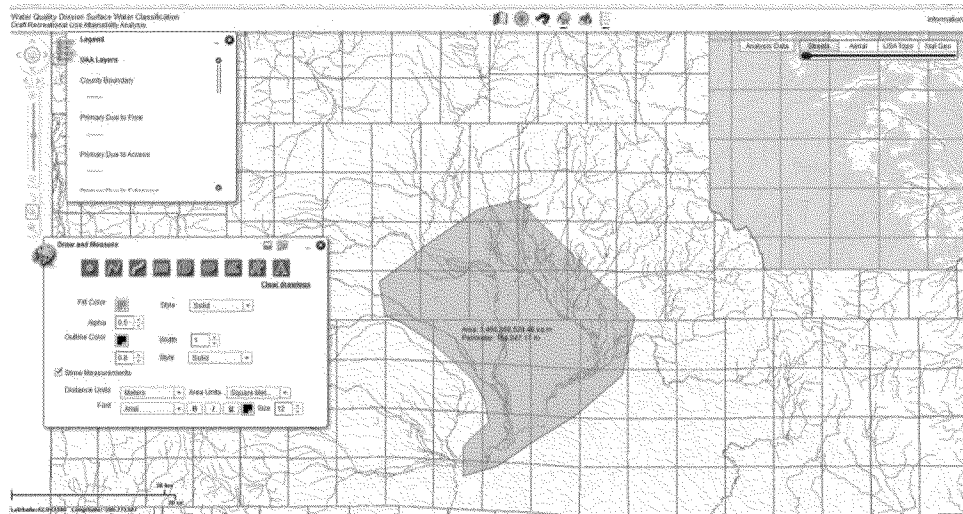

4. Set the measurement units for the tool of choice

The user is also able to change the color of the features that they are drawing. This may be helpful after a series of analysis queries to differentiate between the selected areas.
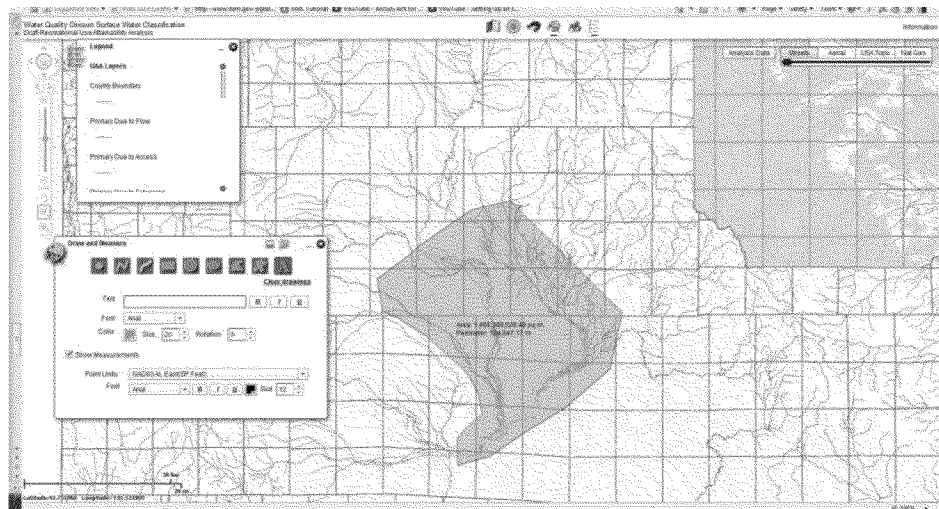
5. Draw the area of interest on the map

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Notice that the Area/Perimeter values are added to your map, now you can add annotation to the map for more descriptive information.
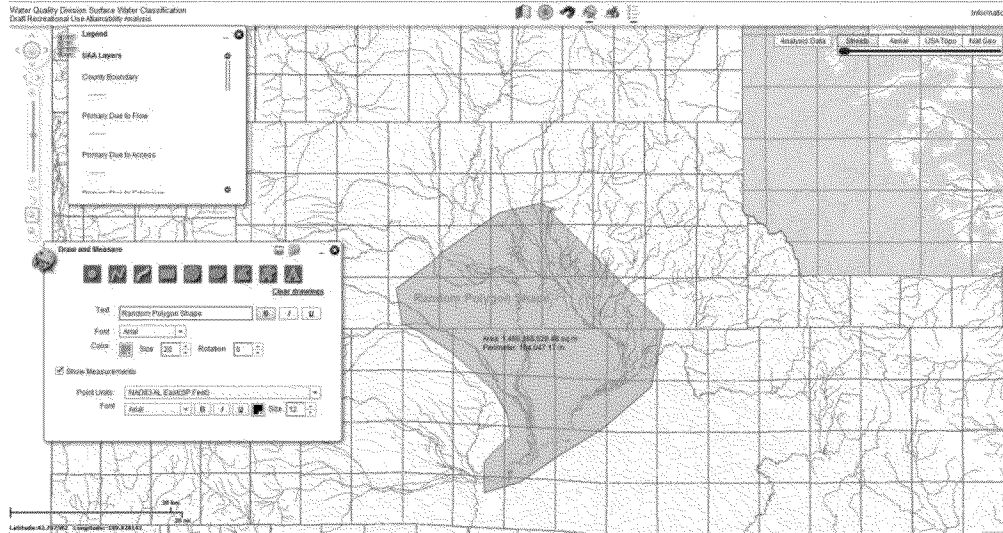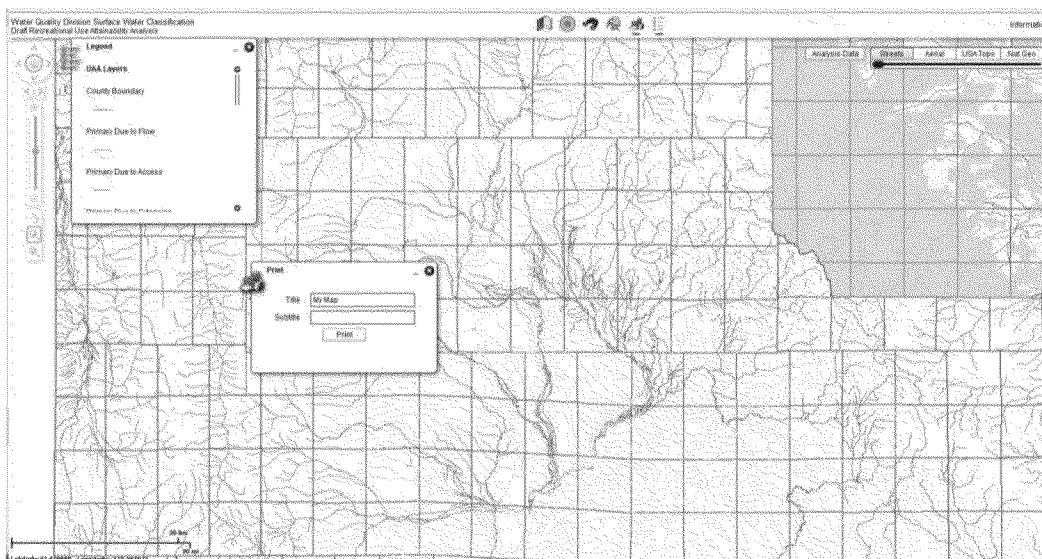
6. Click on the A button

7. Set the parameters for the text to be displayed on the screen

Print Widget

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The print widget is a powerful tool that allows the user to print a copy of their map on any printer or plotter that the user is connected, too. The user has the ability change the size of the map, set the scale, clip the map, choose other features to be displayed on the map, and print the map or save it as a PDF.

1. Click on the print icon to open the Print dialogue
2. Choose a title for the map **Wyoming**
3. Choose a subtitle if need be **UAA Active Permits**
4. Click on the Print button
5. In the next print dialogue choose the printer and specific parameters to print your map properly
6. Click OK to perform the print

Other Functions of the Web Application Viewer

The other functions that are available from the viewer are the Analysis Data, Streets, Aerial, Topo,and NatGeo buttons in the Upper Right. These buttons allow the user to switch between these base map types on the fly or fade between 2 images with the fader bar. These bases cover the whole globe when turned on. **A word of caution when using these bases is that there is no way to turn them off once they are turned on** (This functionality is fixed in phase II of the web viewer). The Analysis Data button allows the user to turn off loaded agency map services or individual layers within those services.

The ArcGIS web viewer for flex is a very powerful way to serve the agency data providing the functionality and ease of use required by the GIS user to perform their job quickly and efficiently.